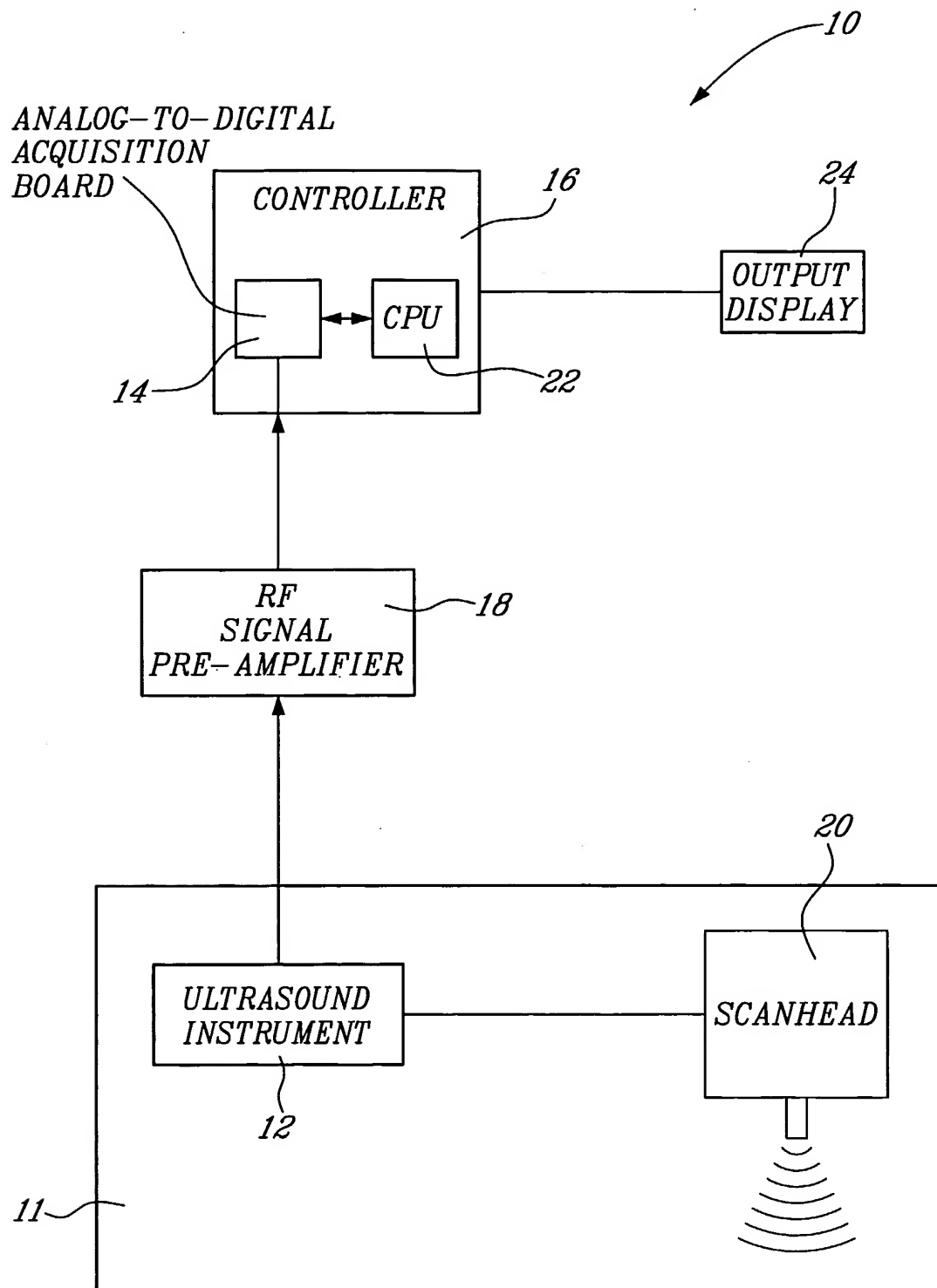
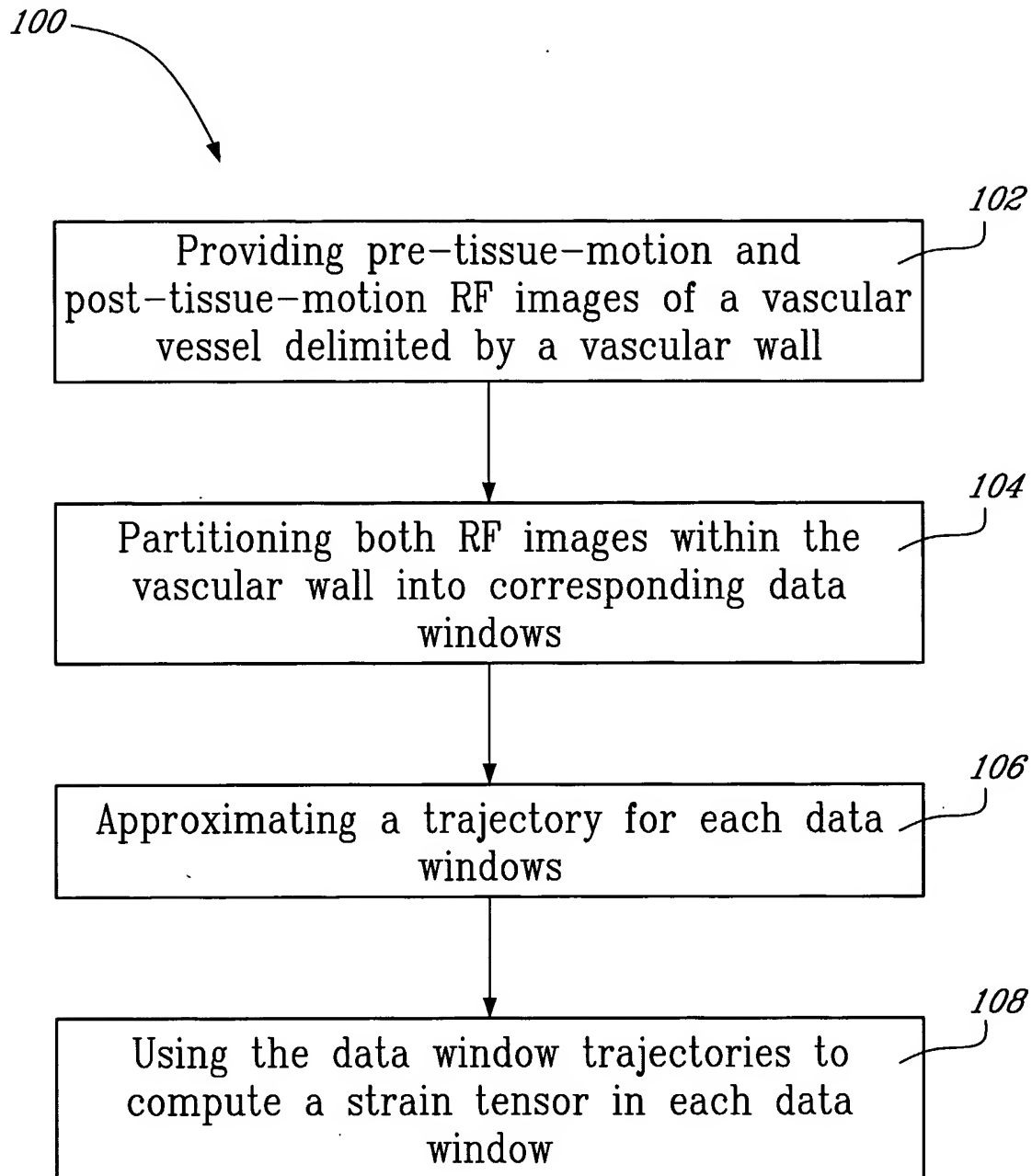
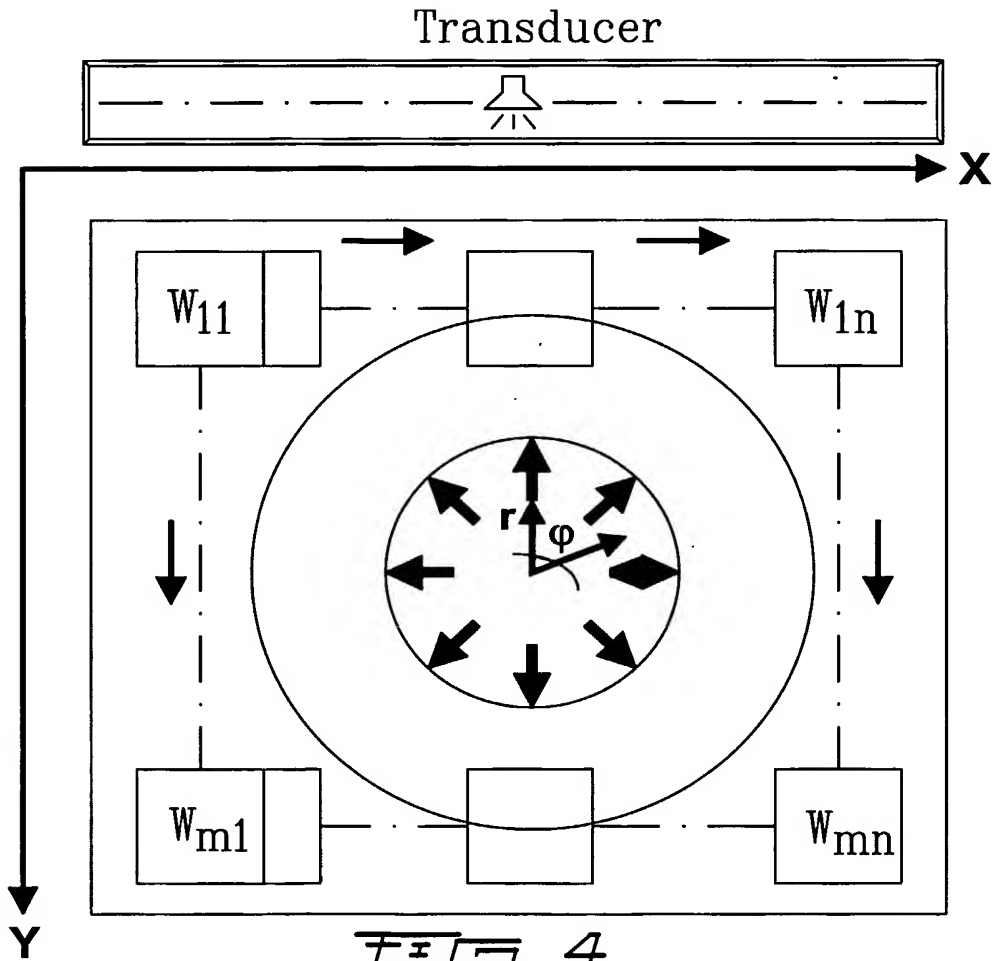
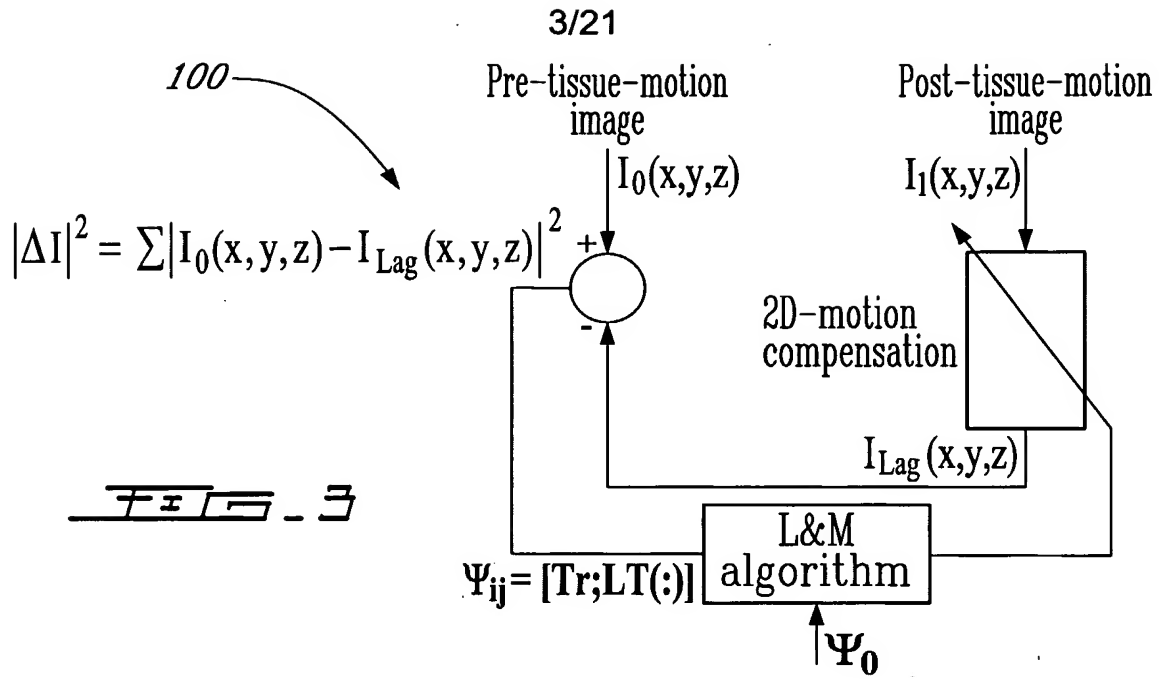


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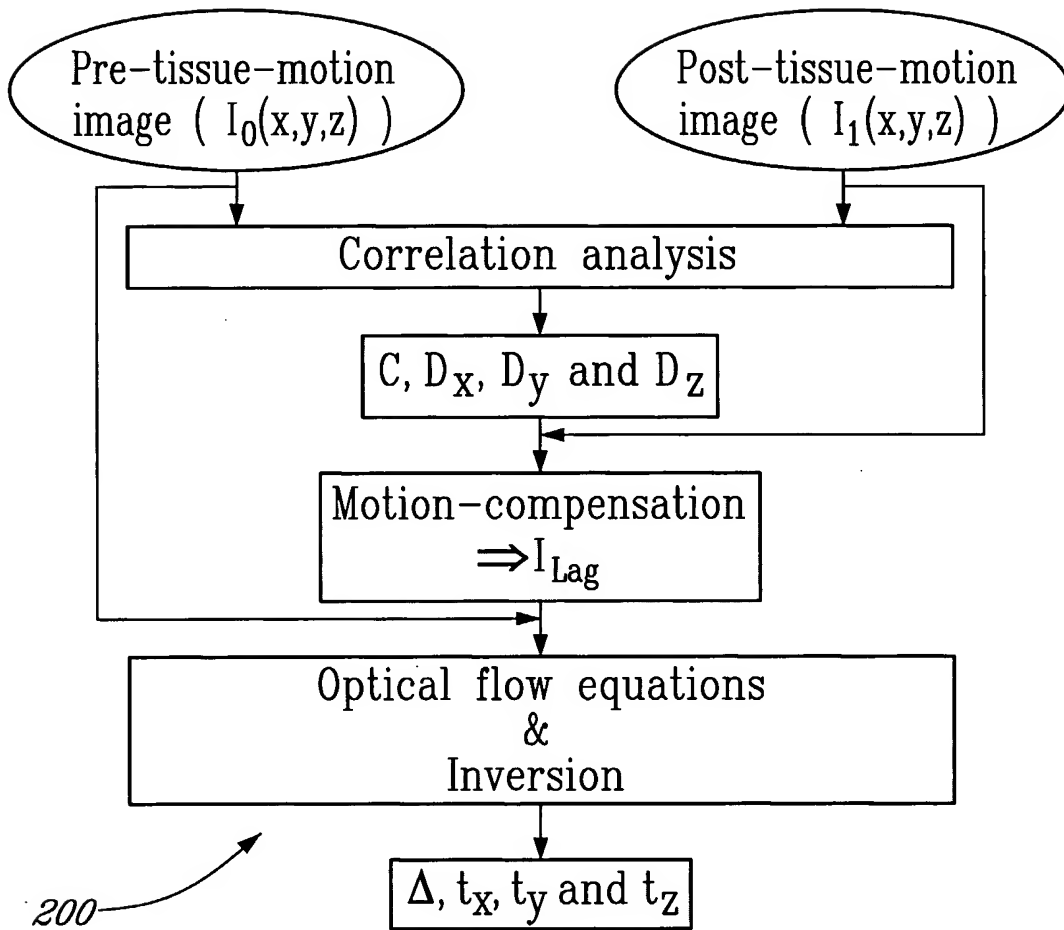
FIG. 1

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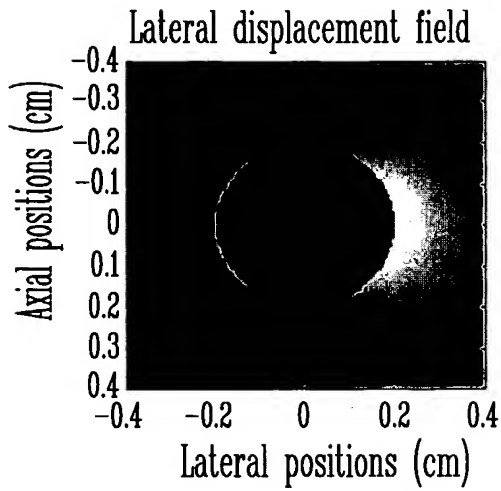
FIG. 2



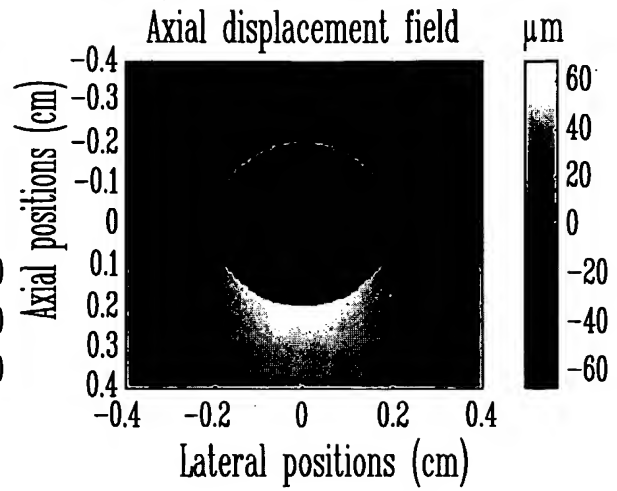
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FIG. 5

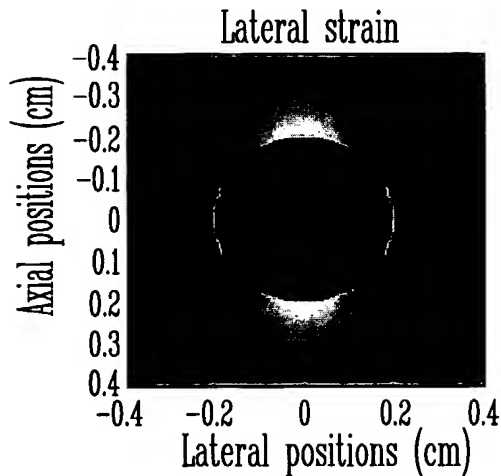
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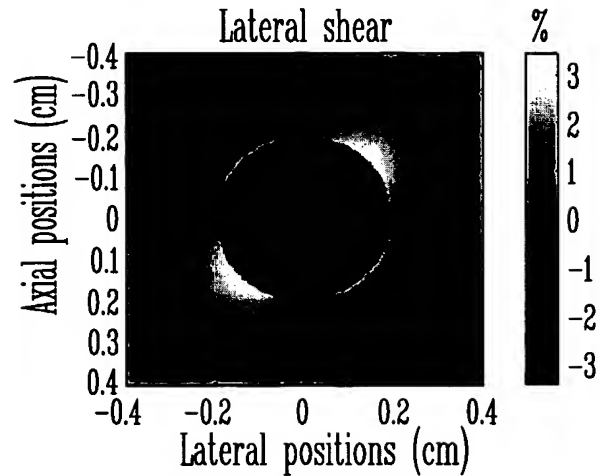
FIS - 6A



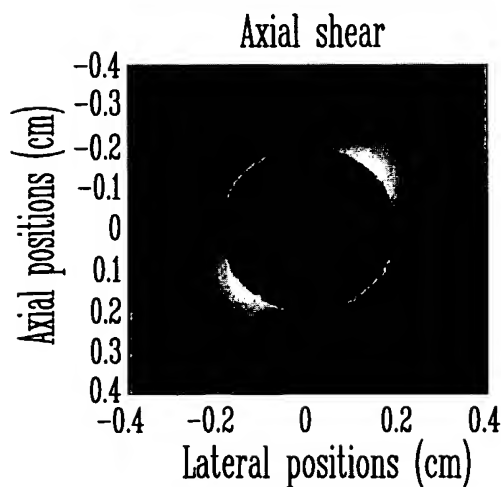
FIS - 6B



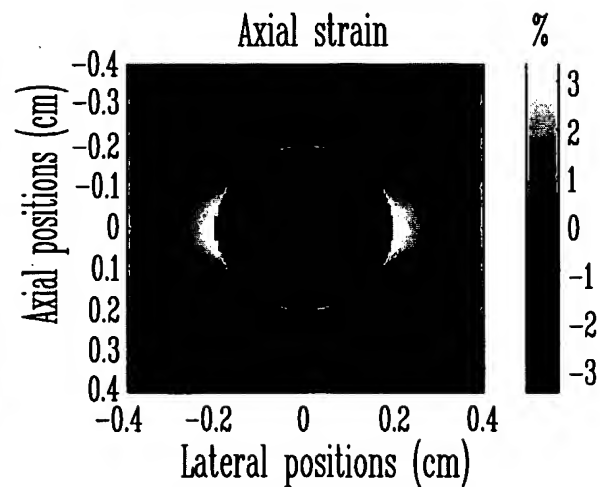
FIS - 6C



FIS - 6D

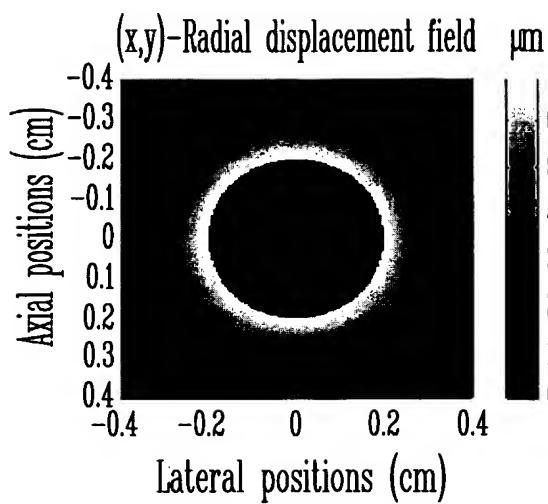
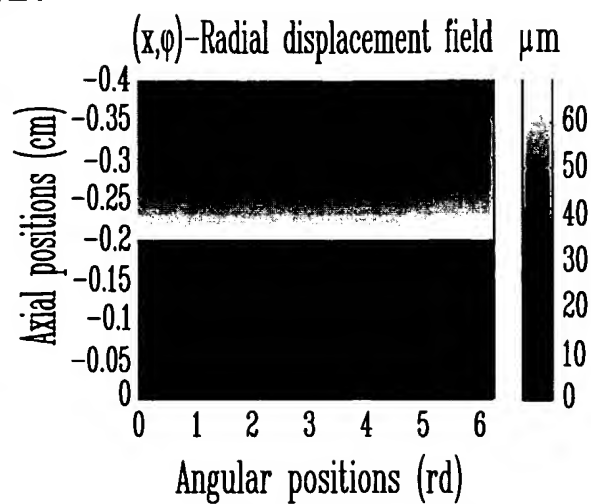
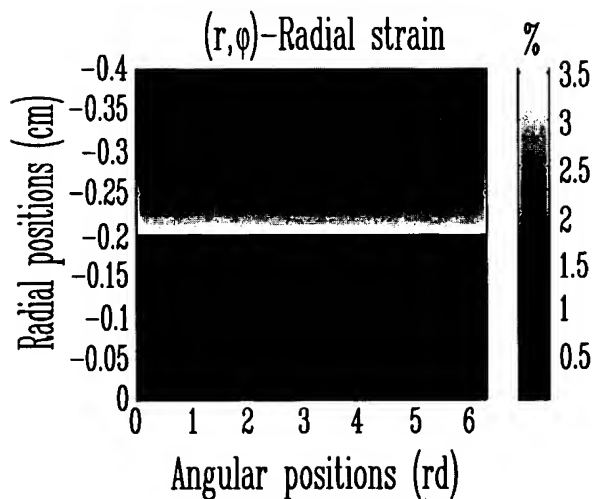
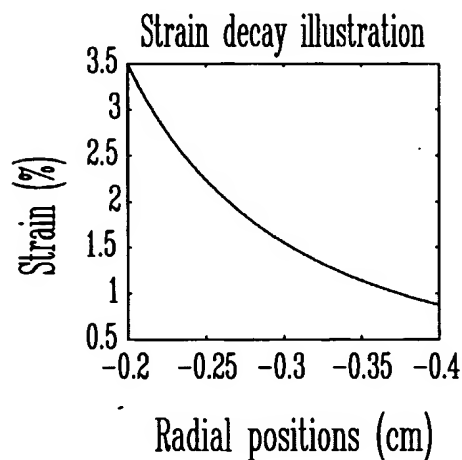
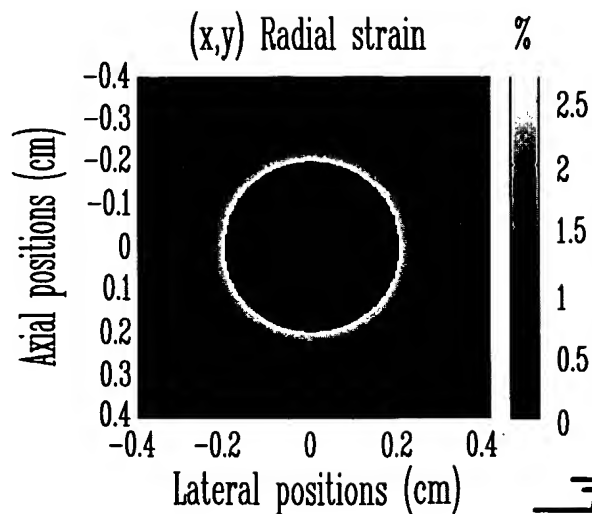


FIS - 6E

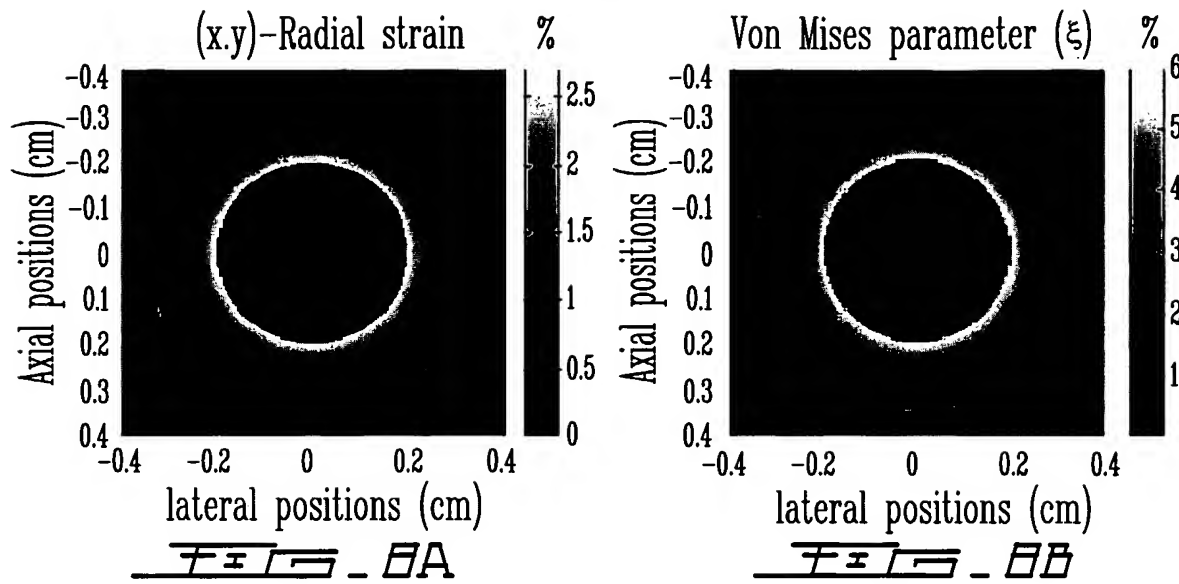


FIS - 6F

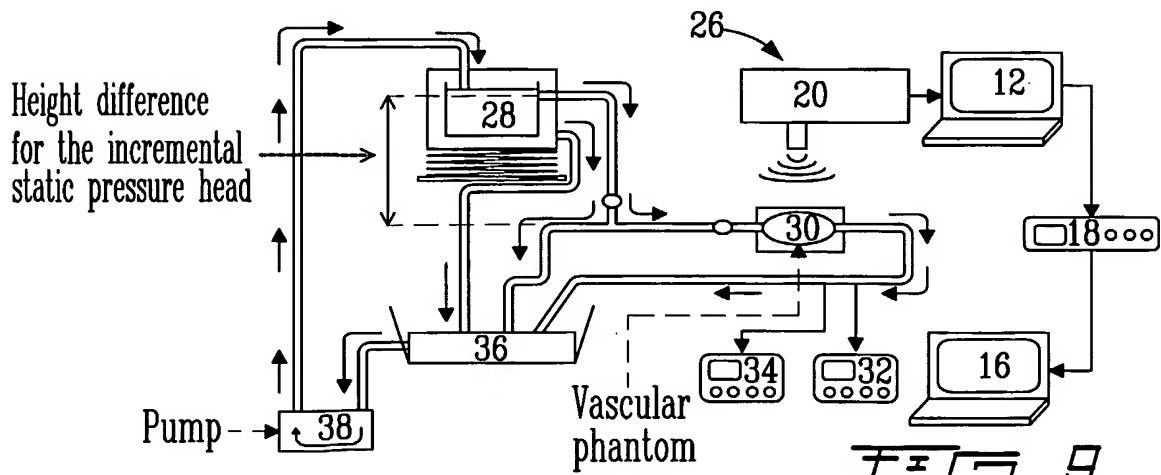
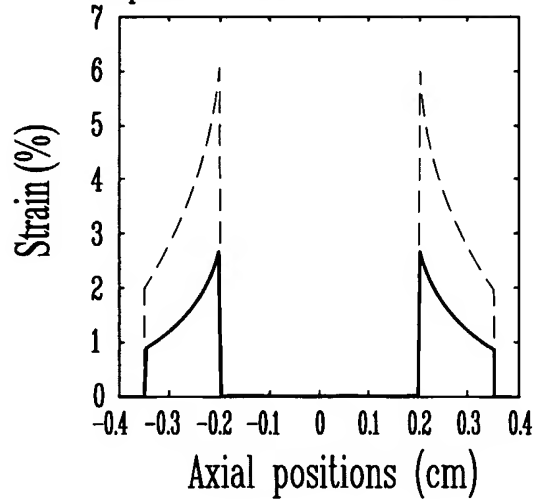
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FIG - 7AFIG - 7BFIG - 7CFIG - 7DFIG - 7E

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Comparison between radial strain and ξ



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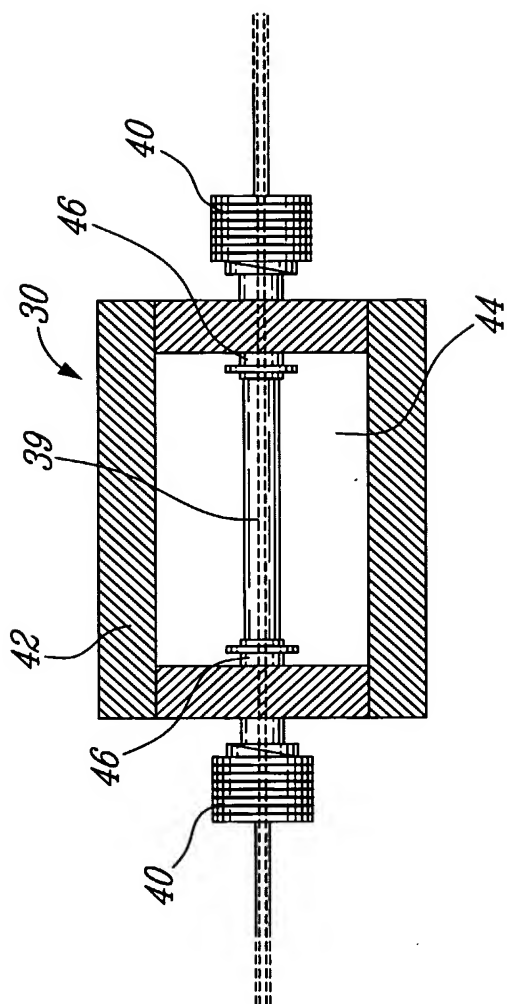


FIG. 10

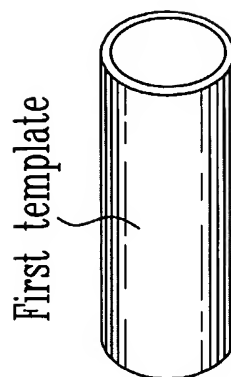


FIG. 11A

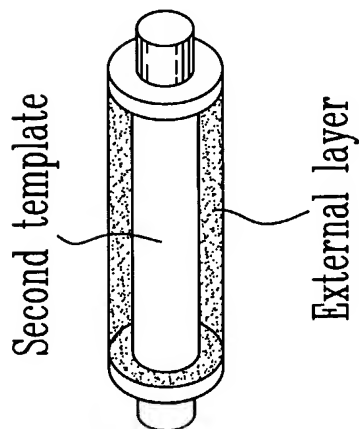


FIG. 11B

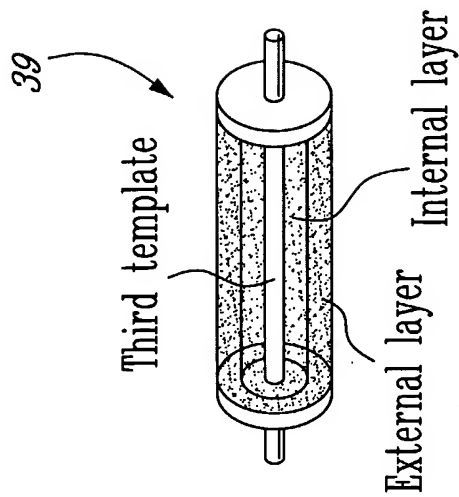
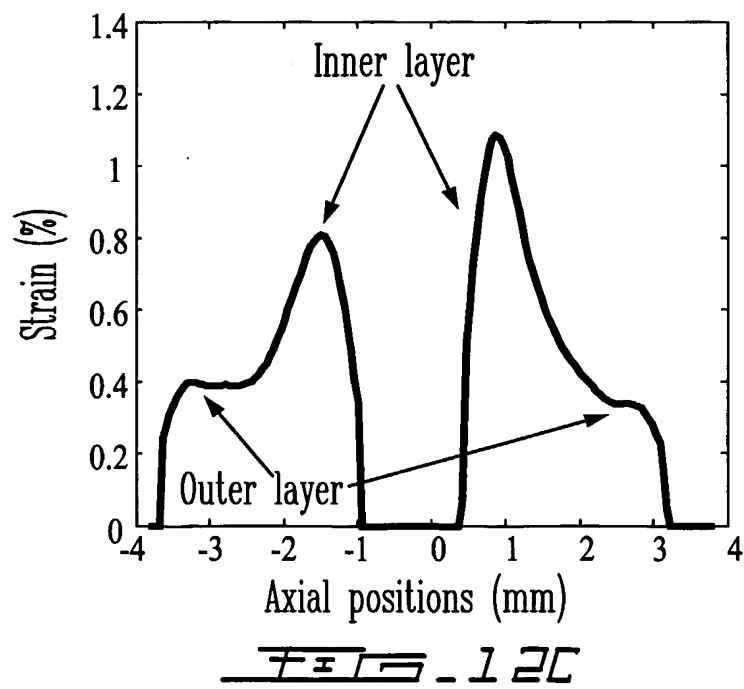
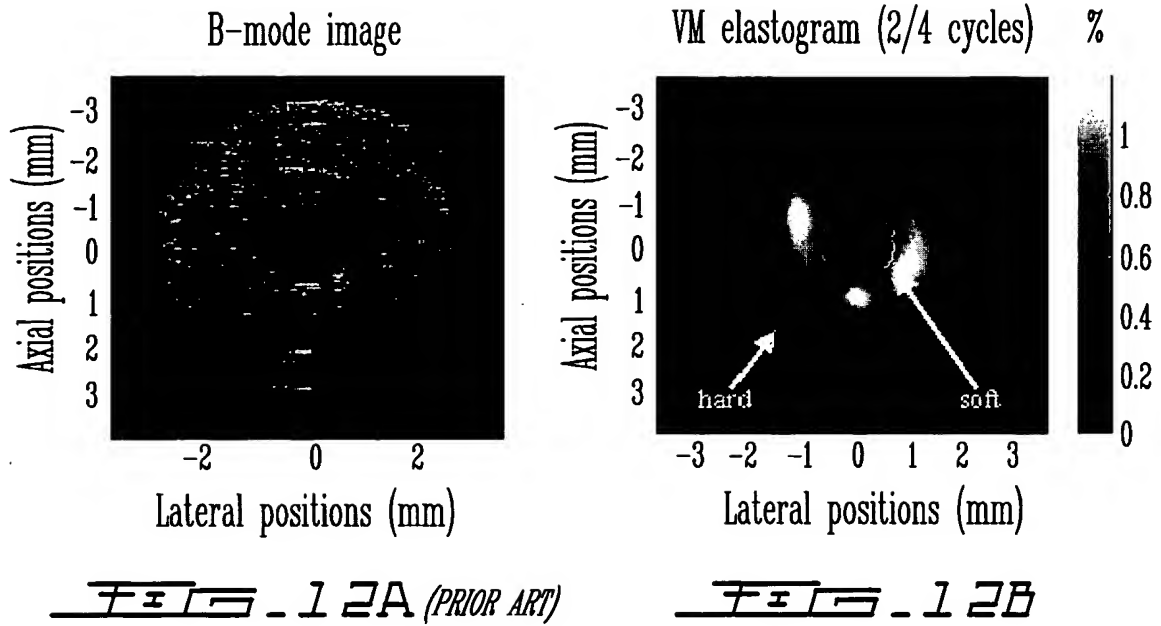


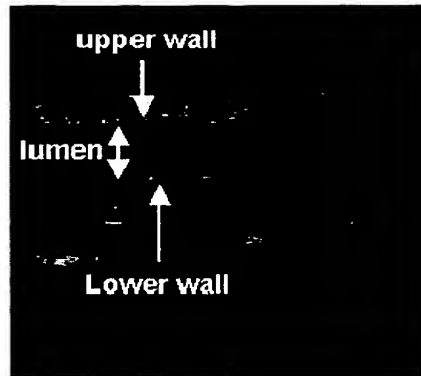
FIG. 11C

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B-mode image

FIG. 13A (PRIOR ART)

Segmented B-mode image

FIG. 13B

Elastogram

FIG. 13C

Elastogram

FIG. 13D

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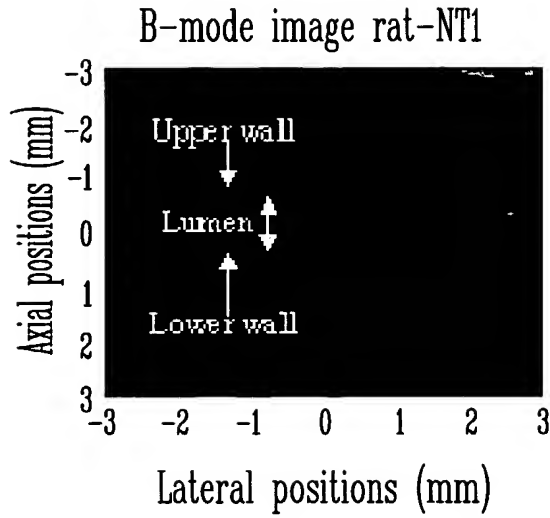


FIG. 14A (PRIOR ART)

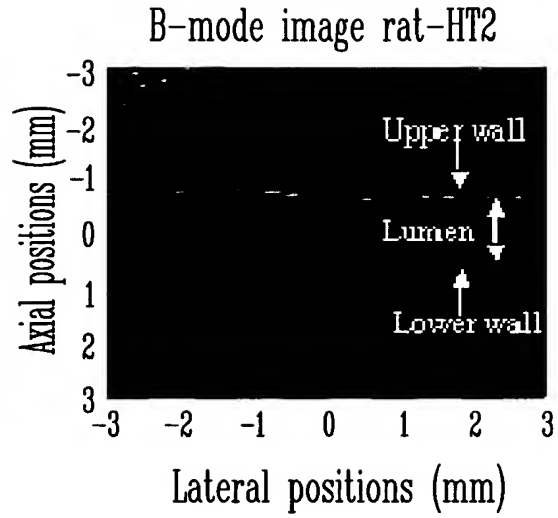


FIG. 14B (PRIOR ART)

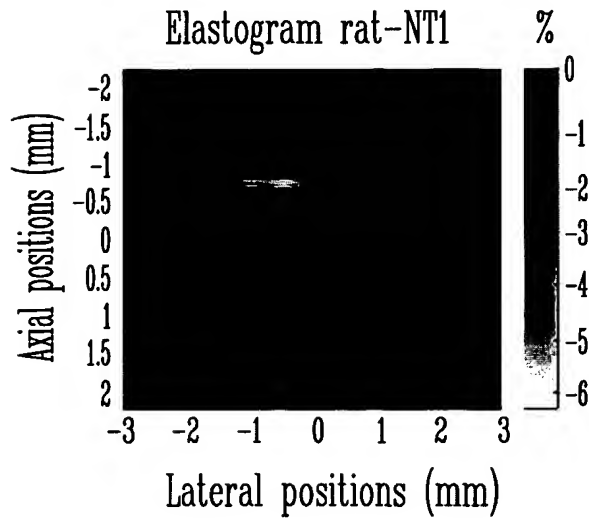


FIG. 14C

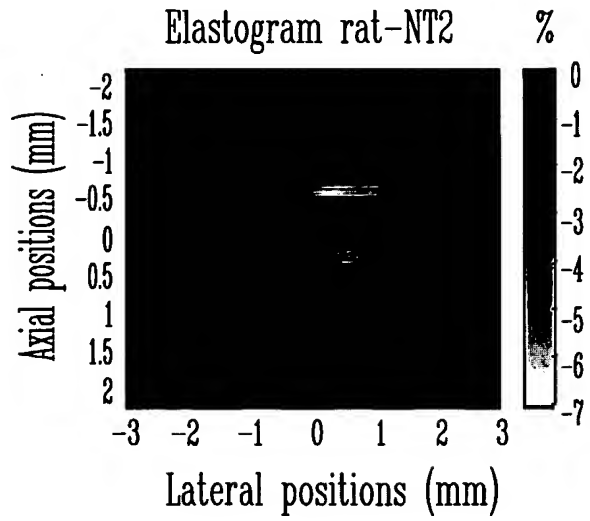
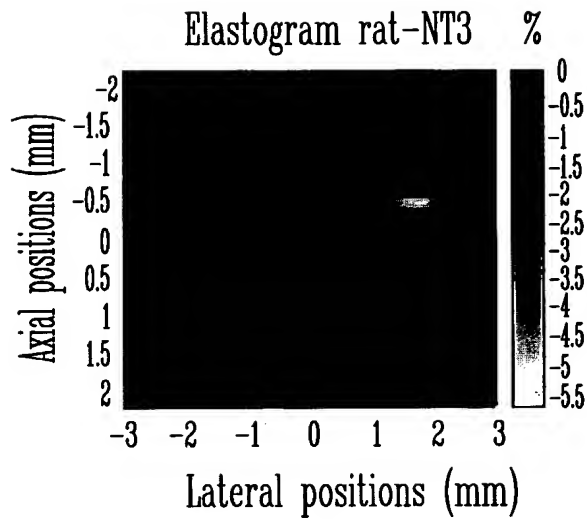
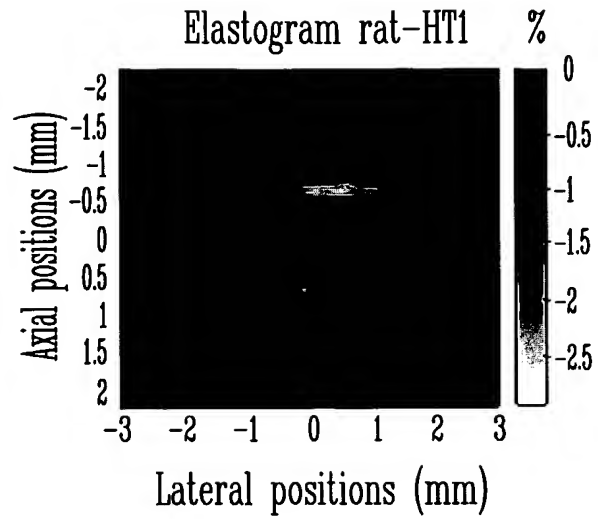
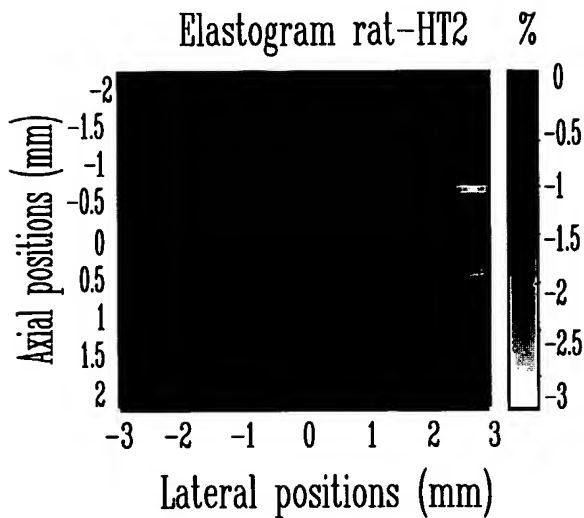
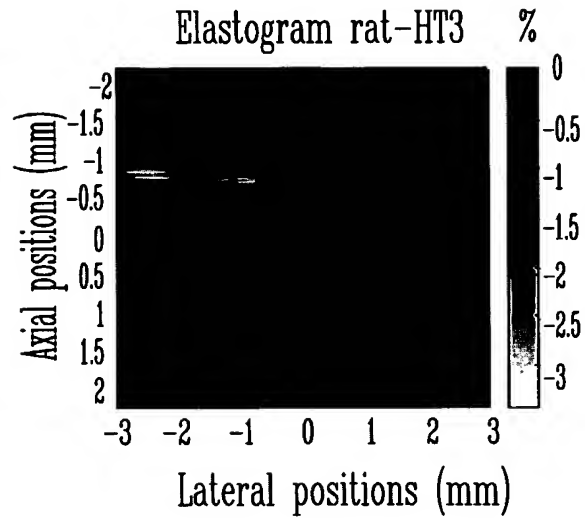
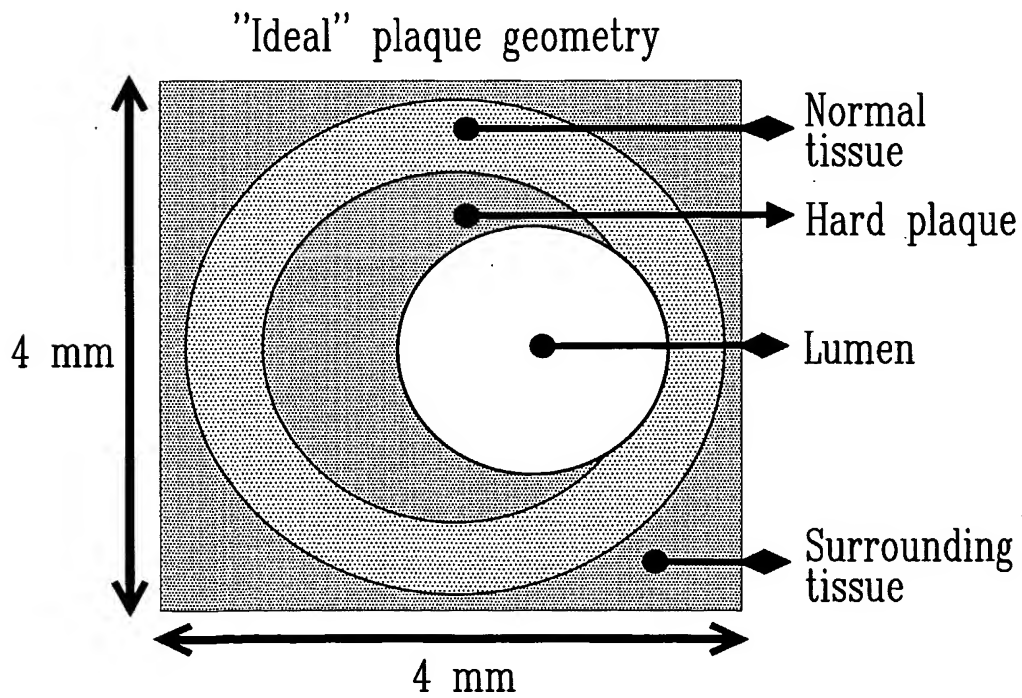
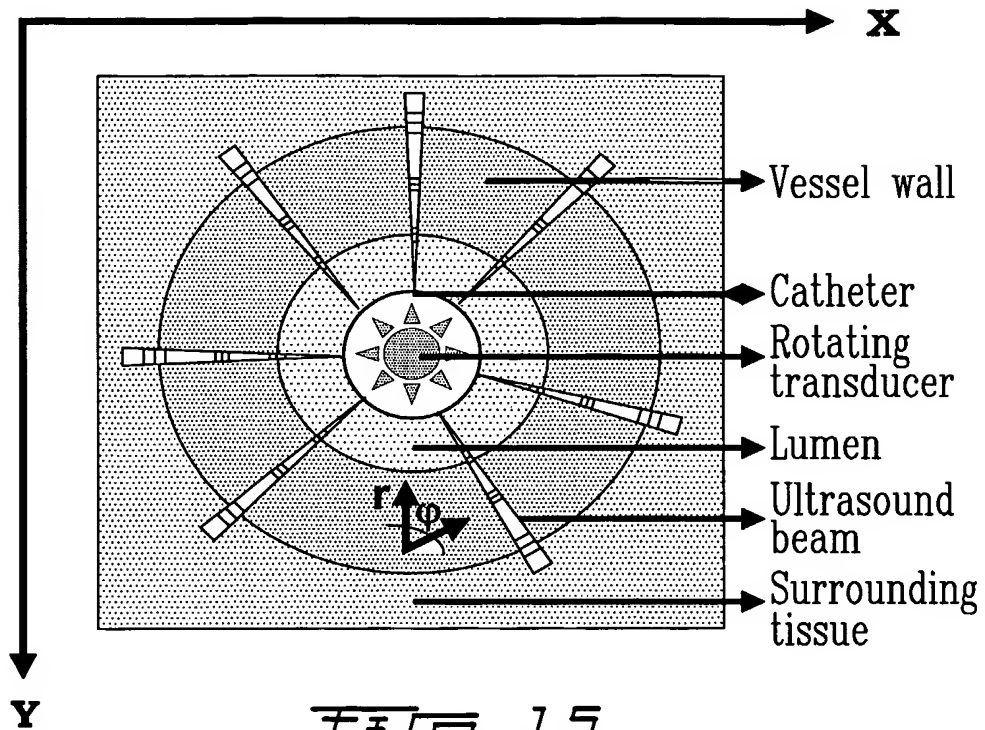


FIG. 14D

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FIG - 14 EFIG - 14 FFIG - 14 GFIG - 14 H

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In vivo IVUS image

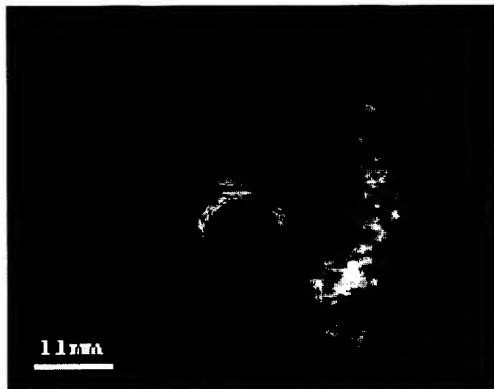
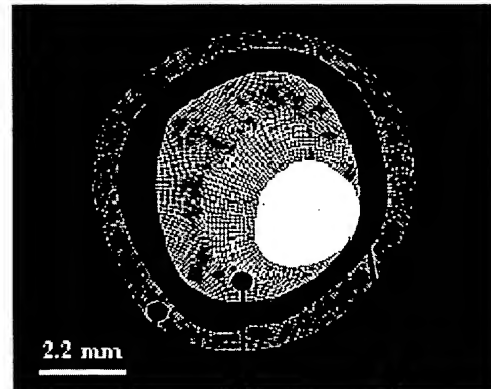


FIG. 17A (PRIOR ART)

Cross-sectional vessel wall reconstruction



Media & adventicia Dense fibrosis Cellular Fibrosis

FIG. 17B

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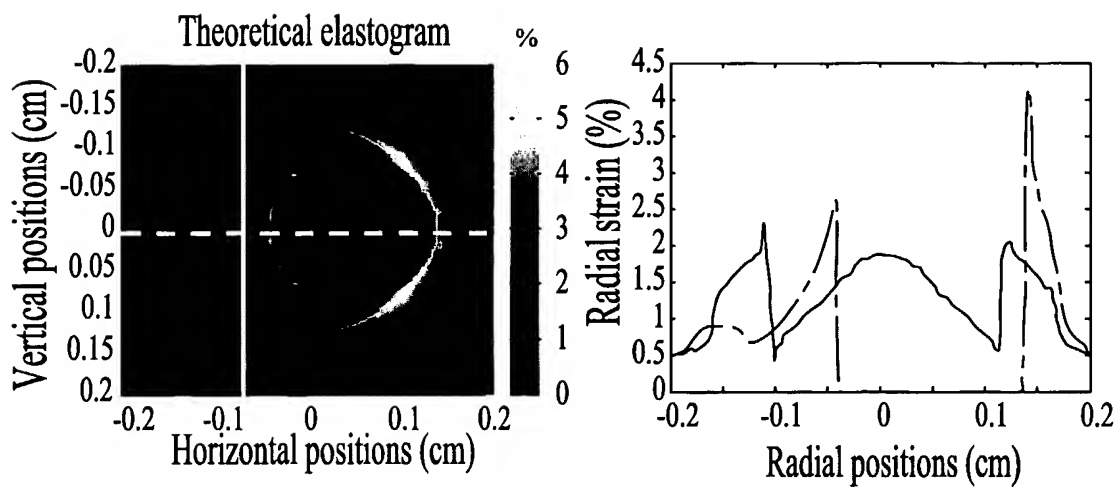


FIG. 18A

FIG. 18B

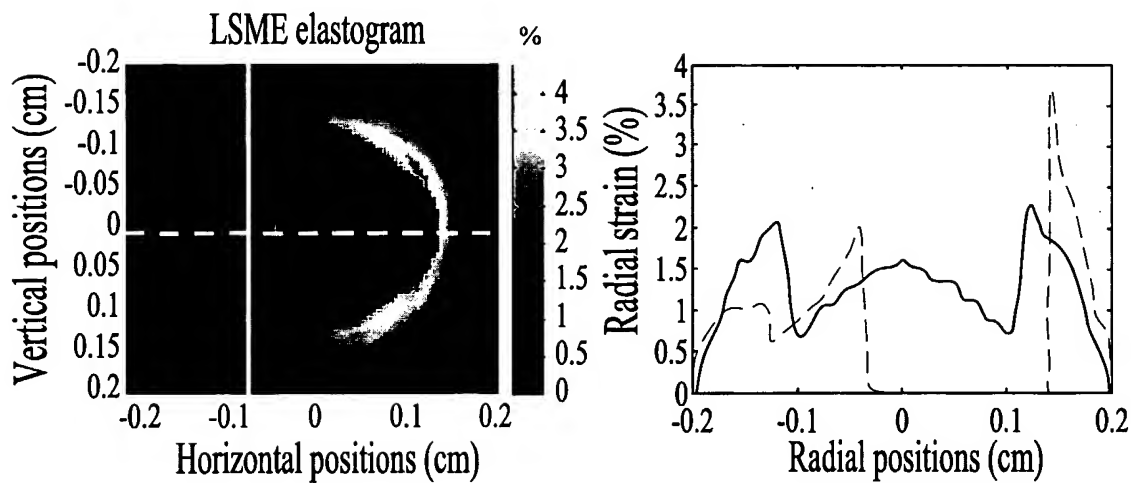
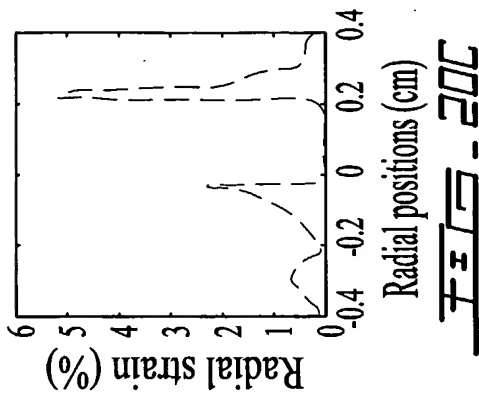
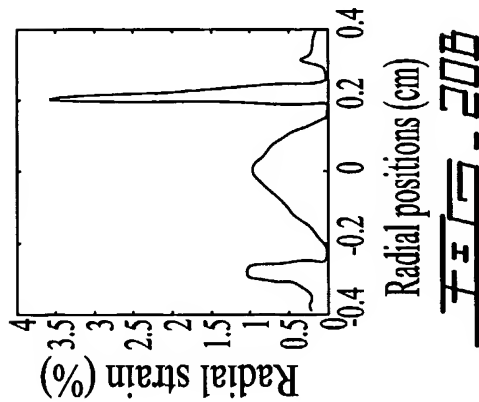
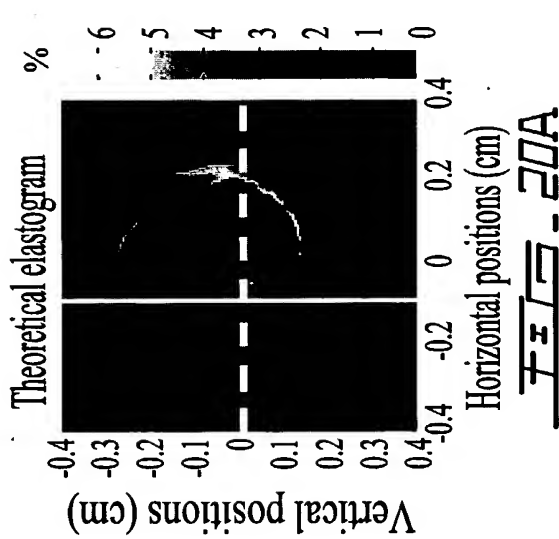
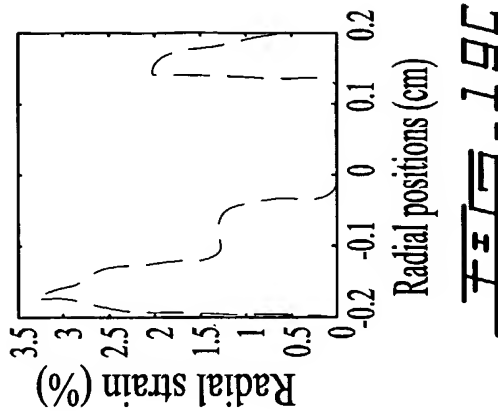
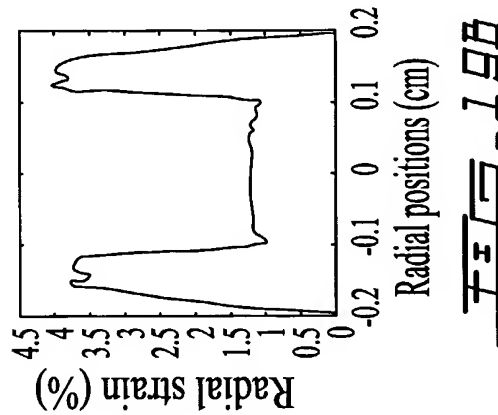
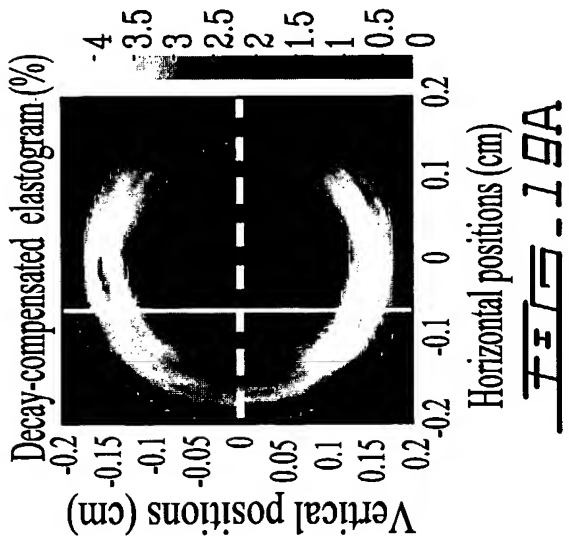
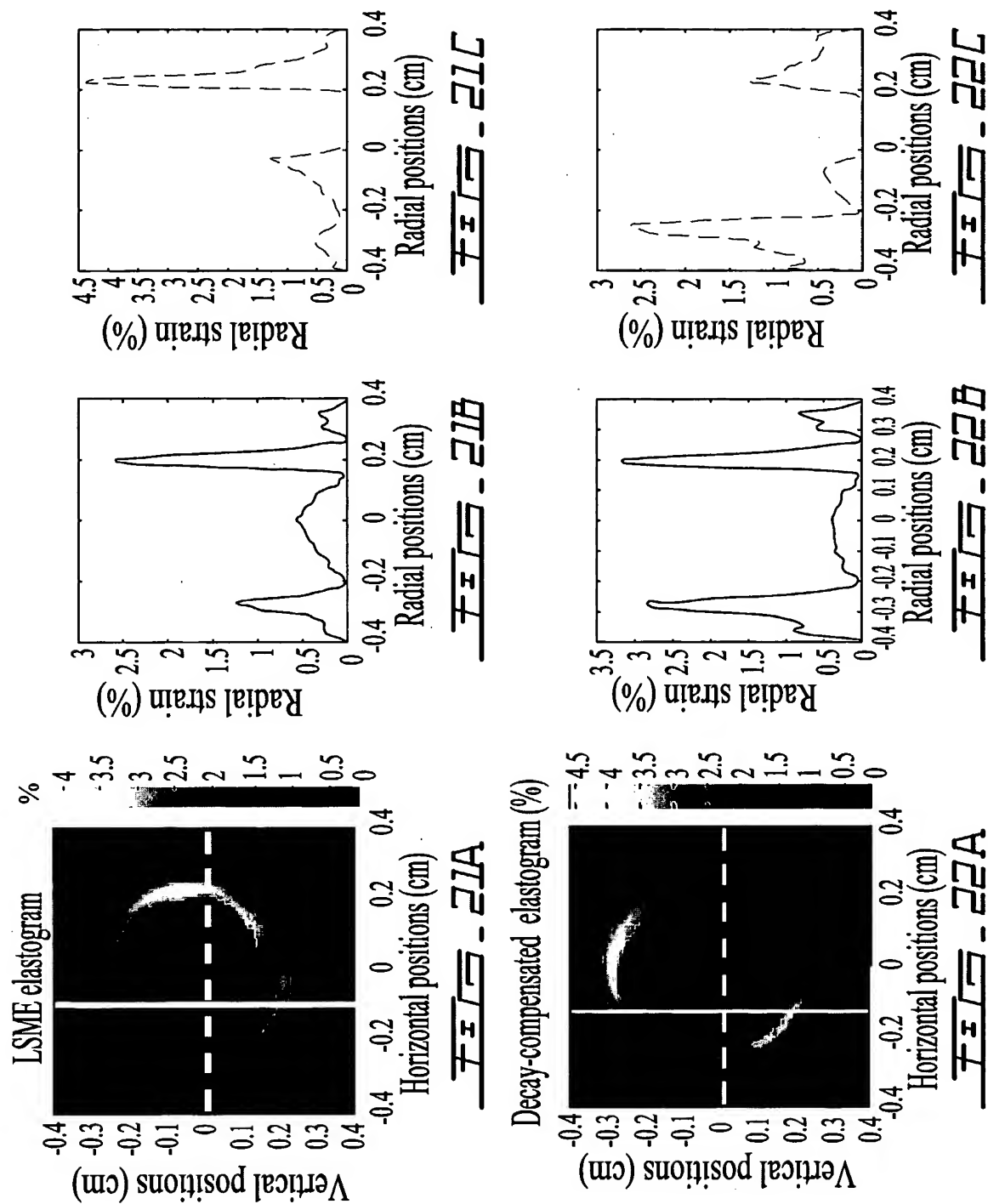


FIG. 18C

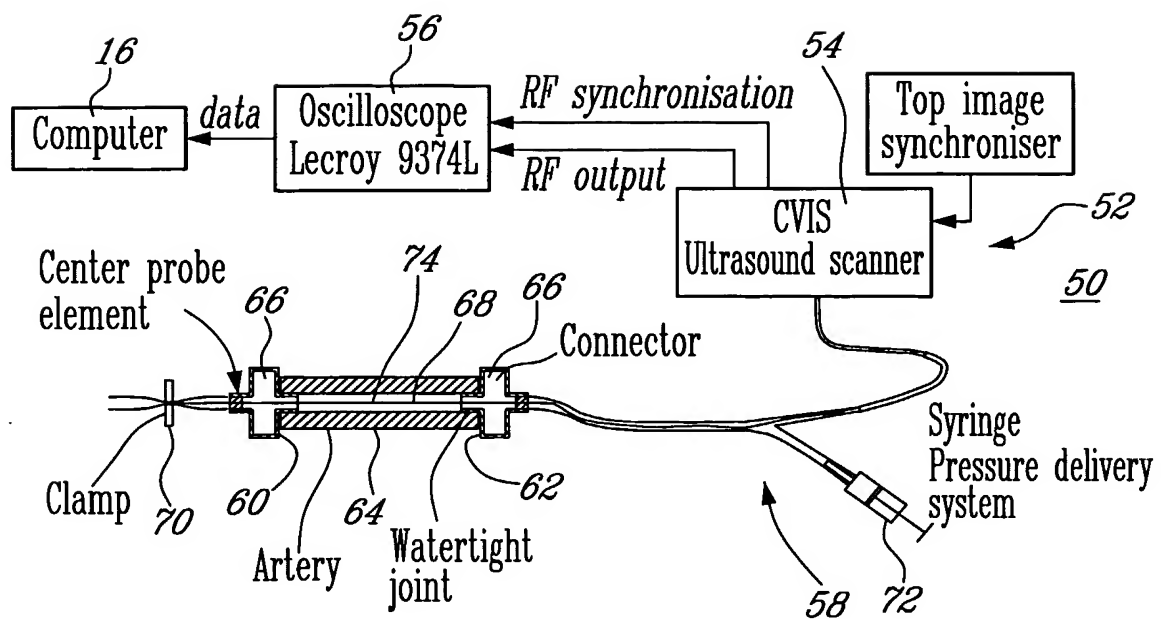
FIG. 18D



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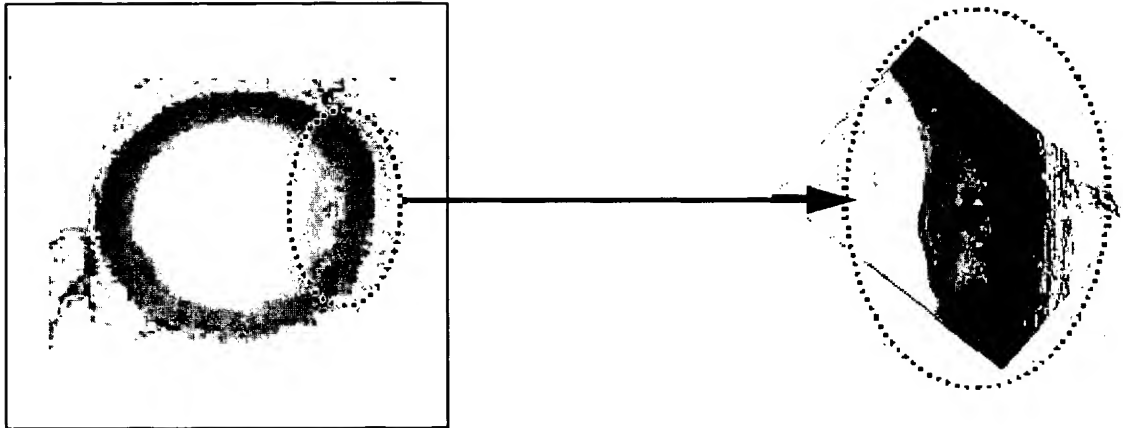


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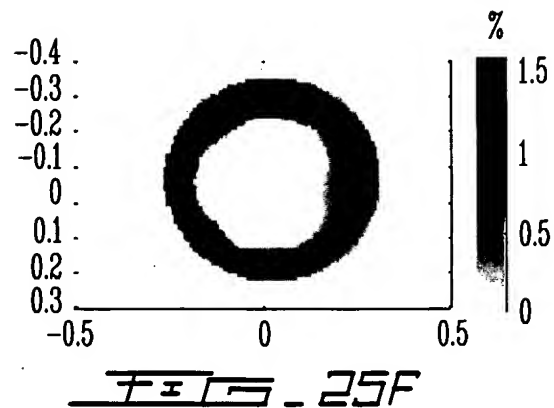
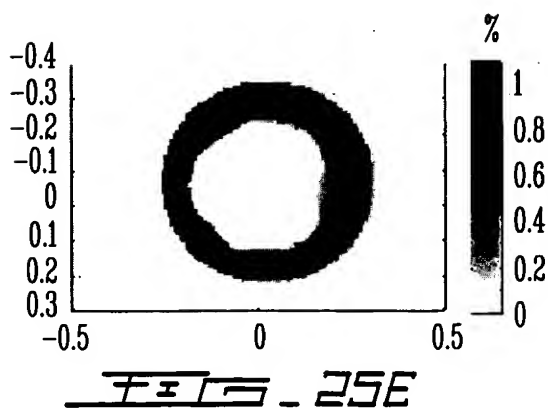
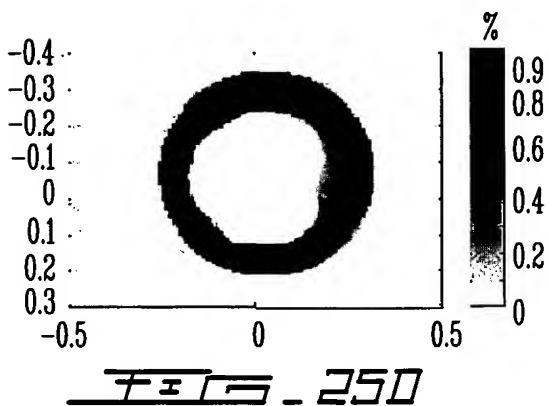
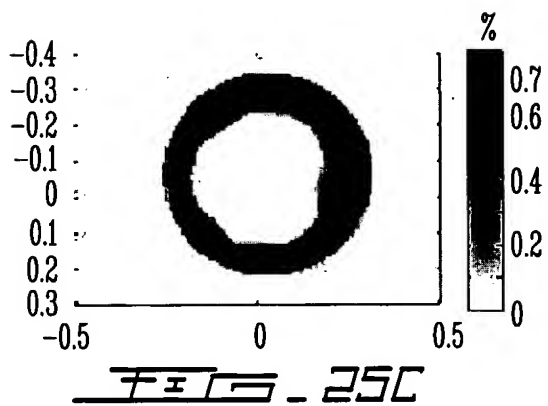
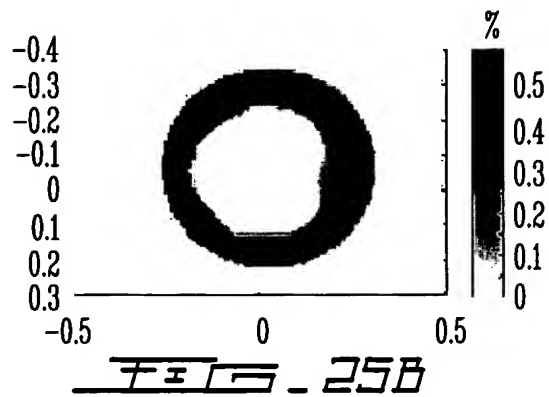
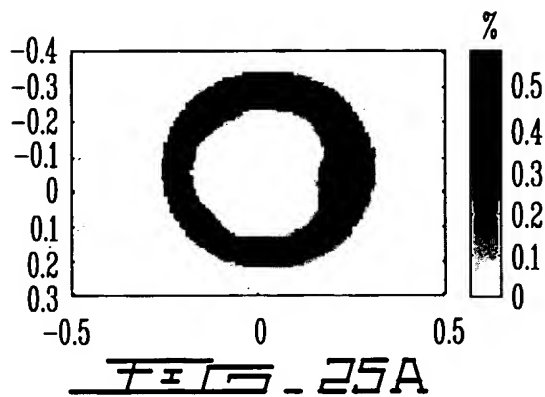
Histology

FIG. 24 A (PRIOR ART)FIG. 24 B (PRIOR ART)

IVUS images

FIG. 24 C (PRIOR ART)

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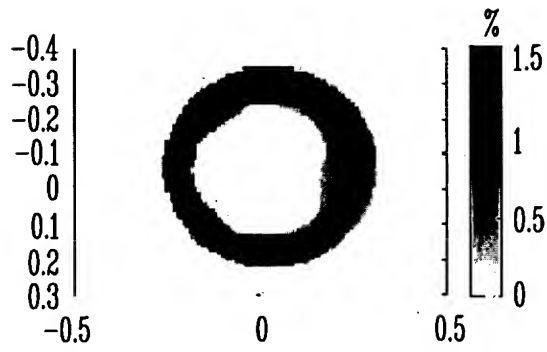


FIG. 25G



FIG. 25H



FIG. 25I

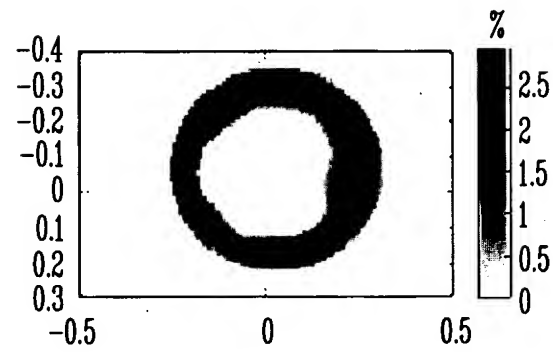


FIG. 25J